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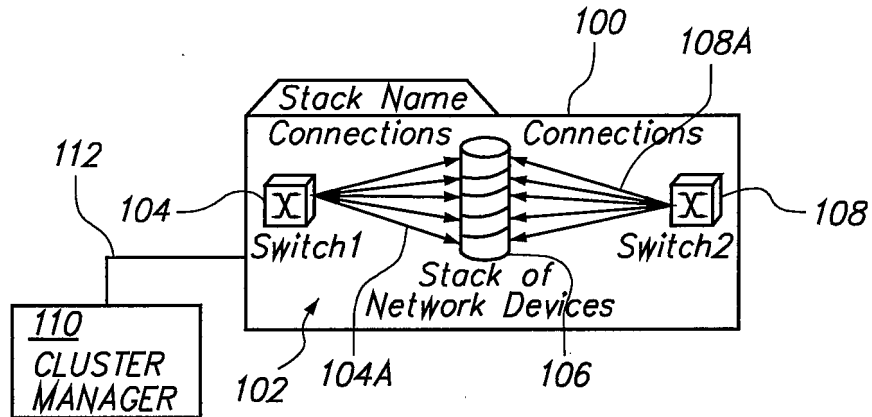


FIG. 1A

FIG. 1B

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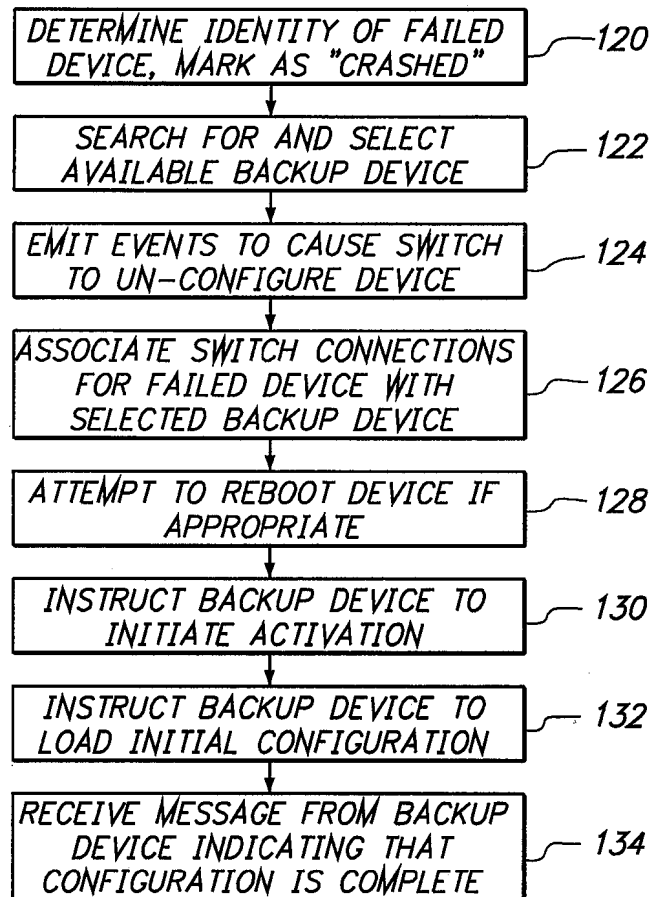
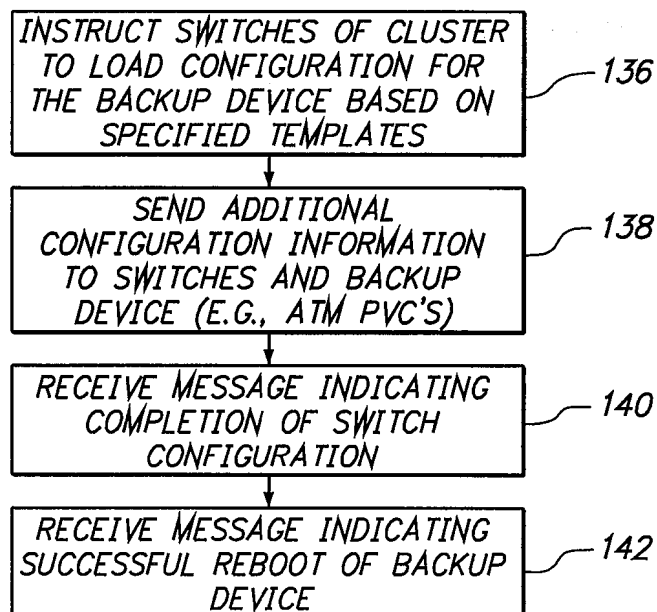


FIG. 1C



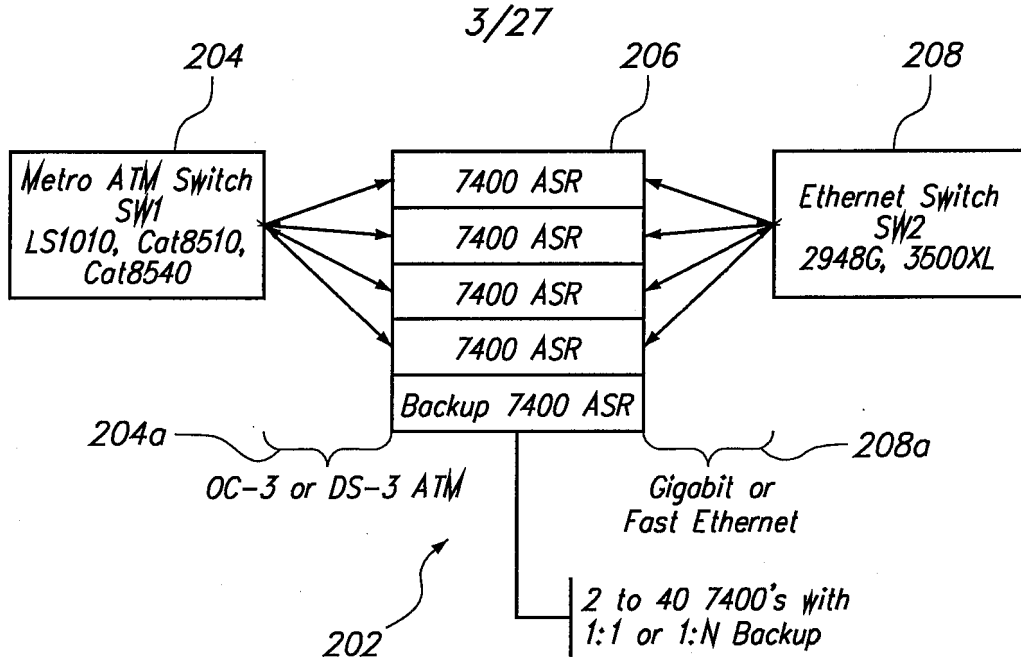


FIG. 2

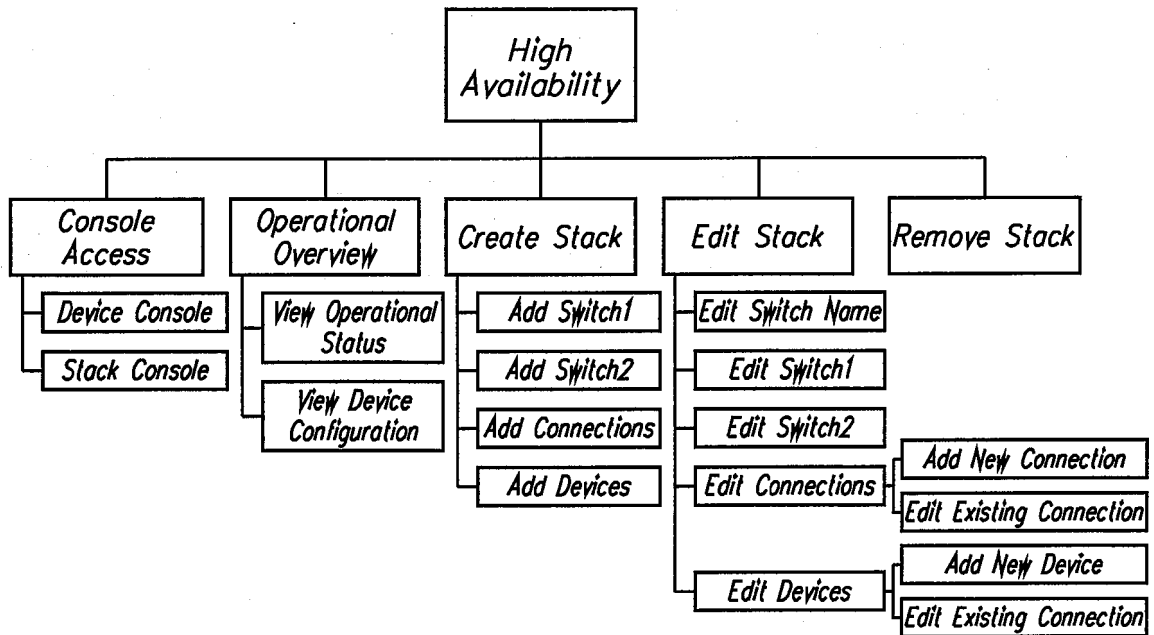


FIG. 3

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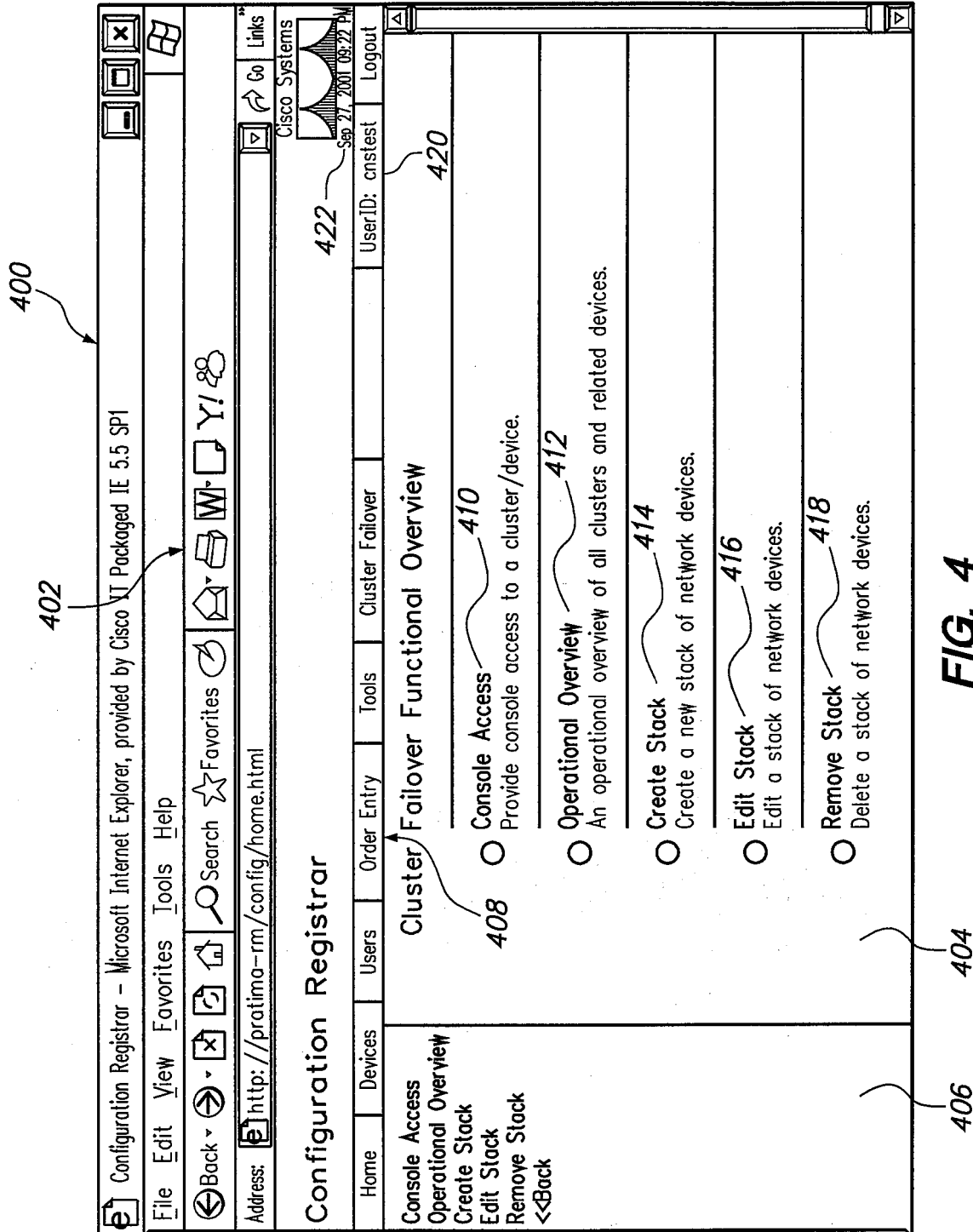


FIG. 4

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Configuration Registrar - Microsoft Internet Explorer, provided by Cisco IT Packaged IE 5.5 SP1

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites Print Home Y! 88

Address: http://pratima-rm/config/home.html

Go Links

Cisco Systems
Sep 27, 2001 09:22 PM

UserID: cnstest Logout

Home Devices Users Order Entry Tools Cluster Failover

Configuration Registrar

Console Access
Operational Overview
Create Stack
Edit Stack
Remove Stack
<<Back

Creating Stack

Please enter a stack name to begin creating a stack Click "Ok" to add switches, devices, and connections to this stack.

Stack Name (required)
Stack1

Mechanism for Assigning Connections

Load balancing

Fill each device

Number of Devices Reserved as Backup (required)
2

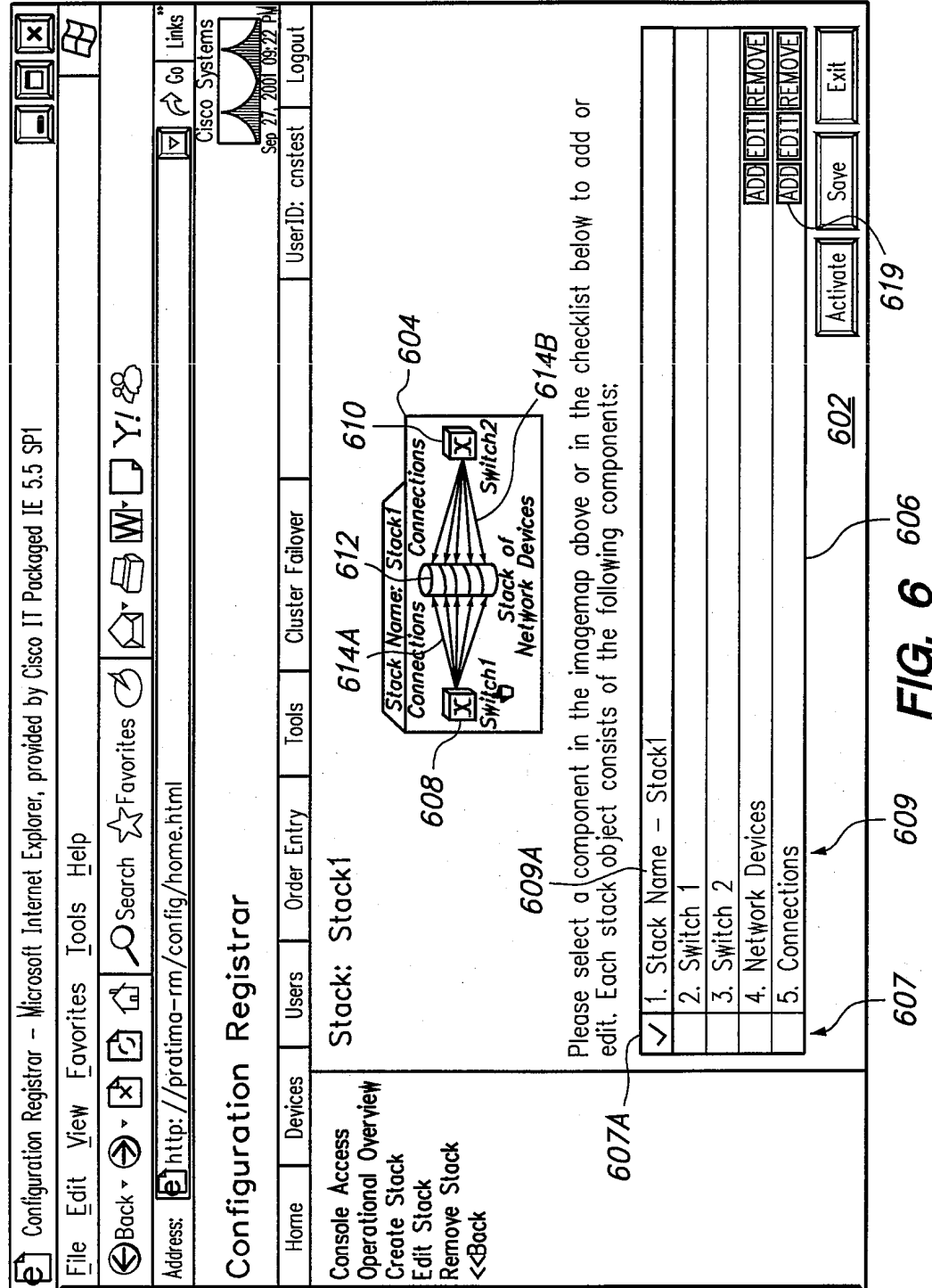
Reboot failed devices and place in backup pool after failover.

Ok

Reset

FIG. 5

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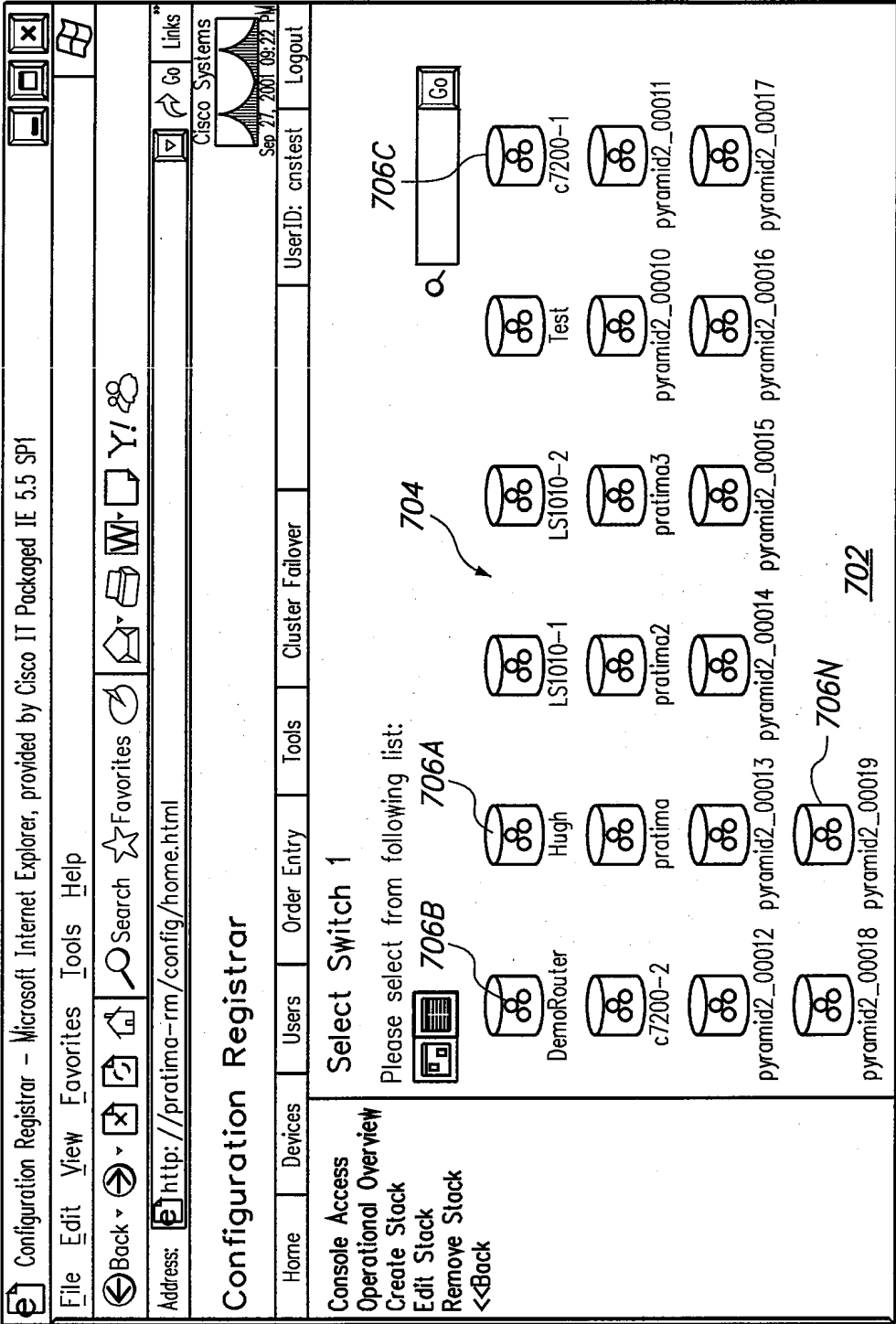


FIG. 7

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Configuration Registrar - Microsoft Internet Explorer, provided by Cisco IT Packaged IE 5.5 SP1

File Edit View Favorites Tools Help

Back Home Search Favorites

Address: http://pratima-rm/config/home.html

Links

Cisco Systems

Sep 27, 2001 09:22 PM

User ID: cnstest Logout

Configuration Registrar

Home	Devices	Users	Order Entry	Tools	Cluster Failover
------	---------	-------	-------------	-------	------------------

Stack: Stack1

604

612

609B

Please select a component in the imagemap above or in the checklist below to add or edit. Each stack object consists of the following components:

606

607B	607C	609C	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
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FIG. 8

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FIG. 9

902

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1000

Configuration Registrar - Microsoft Internet Explorer, provided by Cisco IT Packaged IE 5.5 SP1

File Edit View Favorites Tools Help

Back Search Favorites

Address: http://prattino-rm/config/home.html

Configuration Registrar

Home Devices Users Order Entry Tools Cluster Follower Cisco Systems Sep 27, 2001 09:22 PM UserID: cnstest Logout

Console Access
Operational Overview
Create Stack
Edit Stack
Remove Stack
<<Back

Add Selected Devices to Stack 1

Template File Name for Configuring Switch 1 (required) Template1.cfgtpl 1006

Template File Name for Unconfiguring Switch 1 (required) Template2.cfgtpl 1012A

Template File Name for Configuring Switch 2 (required) Template3.cfgtpl 1008

Template File Name for Unconfiguring Switch 2 (required) Template4.cfgtpl 1010

Device Name: DemoRouter

Switch1 Interface Name: 1014A Option1: 1016A Option2: 1018 Option3:

Switch2 Interface Name: 1014B Option1: 1016B Option2: 1020 Option3:

Telnet Information: Maximum Number of Connections Allowed:

Device Name: Test

Switch1 Interface Name: 1012B

Switch2 Interface Name:

FIG. 10

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Configuration Registrar - Microsoft Internet Explorer, provided by Cisco IT Packaged IE 5.5 SP1

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites Home Print Y! 8

Address: http://prati-m/config/home.html

Cisco Systems Sep 27, 2001 09:22 PM

User ID: crstest Logout

Configuration Registrar

Home	Devices	Users	Order Entry	Tools	Cluster Failover				
<p>Add New Connection to Stack1 1202</p> <table border="1"> <tr> <td> <p>Console Access</p> <p>Operational Overview</p> <p>Create Stack</p> <p>Edit Stack</p> <p>Remove Stack</p> <p><<Back</p> </td> <td> <p>Connection Number: (required)</p> <p>Attribute 1:</p> <p>Attribute 2:</p> <p>Attribute 3:</p> <p>Attribute 4:</p> <p>Method of Connection Provisioning:</p> </td> <td> <p>Template File Name for Configuring Network Device: (required)</p> <p>Template File Name for Unconfiguring Network Device: (required)</p> <p>Template File Name for Configuring Switch 1: (required)</p> <p>Template File Name for Unconfiguring Switch 1: (required)</p> <p>Template File Name for Configuring Switch 2: (required)</p> <p>Template File Name for Unconfiguring Switch 2: (required)</p> </td> <td> <p>1212 Template1.cfgtpl</p> <p>1214 Template2.cfgtpl</p> <p>1216 Template3.cfgtpl</p> <p>1218 Template4.cfgtpl</p> <p>1220 Template5.cfgtpl</p> <p>1222 Template6.cfgtpl</p> </td> </tr> </table> <p> <input checked="" type="radio"/> Immediate <input type="radio"/> Upon PVC Activation </p> <p> <input type="button" value="Ok"/> 1224 <input type="button" value="Add Another"/> 1226 <input type="button" value="Reset"/> 1228 </p>						<p>Console Access</p> <p>Operational Overview</p> <p>Create Stack</p> <p>Edit Stack</p> <p>Remove Stack</p> <p><<Back</p>	<p>Connection Number: (required)</p> <p>Attribute 1:</p> <p>Attribute 2:</p> <p>Attribute 3:</p> <p>Attribute 4:</p> <p>Method of Connection Provisioning:</p>	<p>Template File Name for Configuring Network Device: (required)</p> <p>Template File Name for Unconfiguring Network Device: (required)</p> <p>Template File Name for Configuring Switch 1: (required)</p> <p>Template File Name for Unconfiguring Switch 1: (required)</p> <p>Template File Name for Configuring Switch 2: (required)</p> <p>Template File Name for Unconfiguring Switch 2: (required)</p>	<p>1212 Template1.cfgtpl</p> <p>1214 Template2.cfgtpl</p> <p>1216 Template3.cfgtpl</p> <p>1218 Template4.cfgtpl</p> <p>1220 Template5.cfgtpl</p> <p>1222 Template6.cfgtpl</p>
<p>Console Access</p> <p>Operational Overview</p> <p>Create Stack</p> <p>Edit Stack</p> <p>Remove Stack</p> <p><<Back</p>	<p>Connection Number: (required)</p> <p>Attribute 1:</p> <p>Attribute 2:</p> <p>Attribute 3:</p> <p>Attribute 4:</p> <p>Method of Connection Provisioning:</p>	<p>Template File Name for Configuring Network Device: (required)</p> <p>Template File Name for Unconfiguring Network Device: (required)</p> <p>Template File Name for Configuring Switch 1: (required)</p> <p>Template File Name for Unconfiguring Switch 1: (required)</p> <p>Template File Name for Configuring Switch 2: (required)</p> <p>Template File Name for Unconfiguring Switch 2: (required)</p>	<p>1212 Template1.cfgtpl</p> <p>1214 Template2.cfgtpl</p> <p>1216 Template3.cfgtpl</p> <p>1218 Template4.cfgtpl</p> <p>1220 Template5.cfgtpl</p> <p>1222 Template6.cfgtpl</p>						

1200 1211

FIG. 12

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Configuration Registrar - Microsoft Internet Explorer, provided by Cisco IT Packaged IE 5.5 SP1

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites

Address: <http://pratima-rm/config/home.html>

Go Links

Cisco Systems
Sep 27, 2001 09:22 PM

Home Devices Users Order Entry Tools Cluster Failover UserID: cnstest Logout

Configuration Registrar

Console Access

Operational Overview

Create Stack

Edit Stack

Remove Stack

<<Back

Stack: Stack1

Please select a component in the imagemap above or in the checklist below to add or edit. Each stack object consists of the following components:

<input checked="" type="checkbox"/>	1. Stack Name - Stack1	
<input checked="" type="checkbox"/>	2. Switch 1	
<input checked="" type="checkbox"/>	3. Switch 2	
<input checked="" type="checkbox"/>	4. Network Devices	ADD EDIT REMOVE
<input checked="" type="checkbox"/>	5. Connections	ADD EDIT REMOVE

Activate Save Exit

FIG. 13

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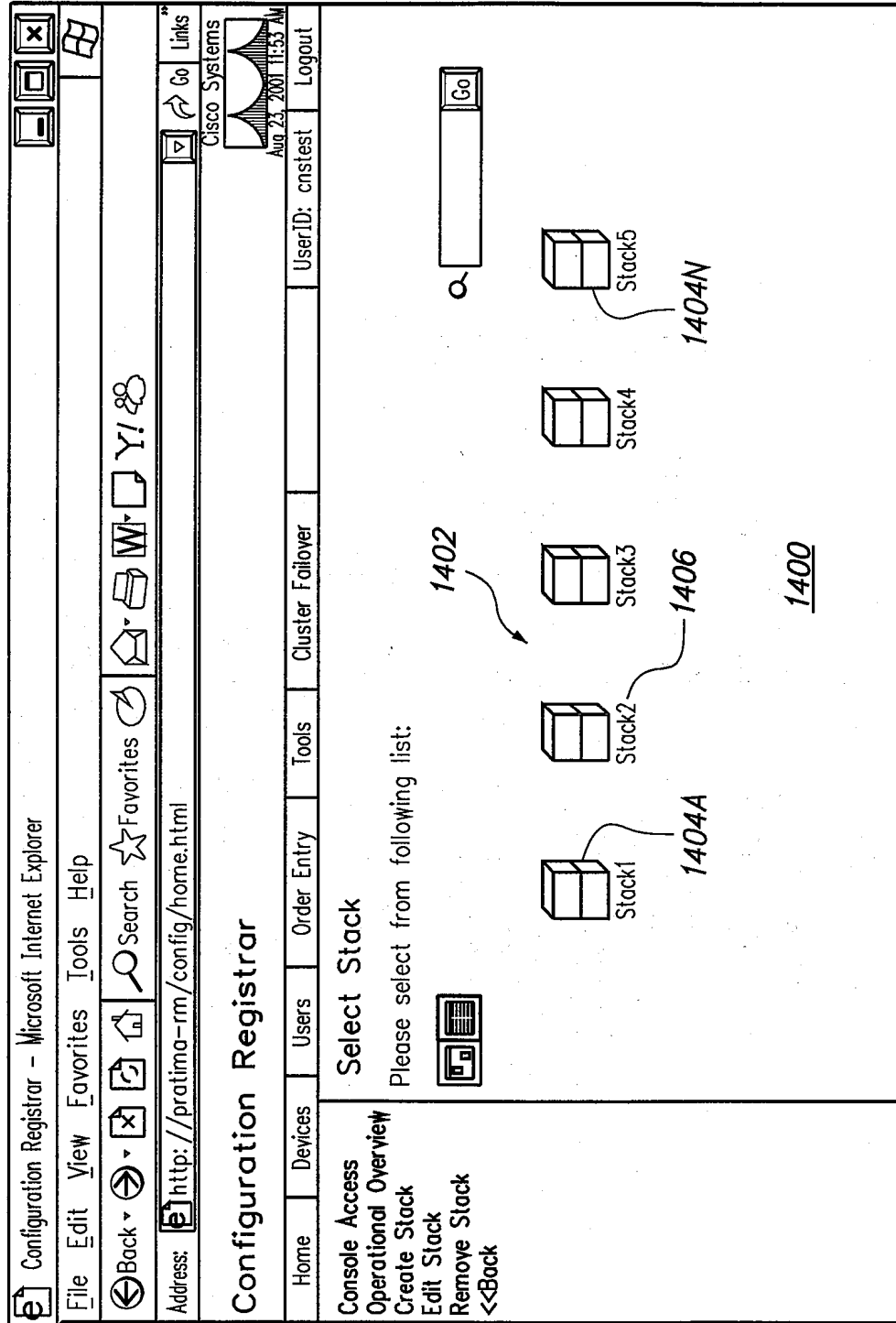


FIG. 14

FIG. 15

1506

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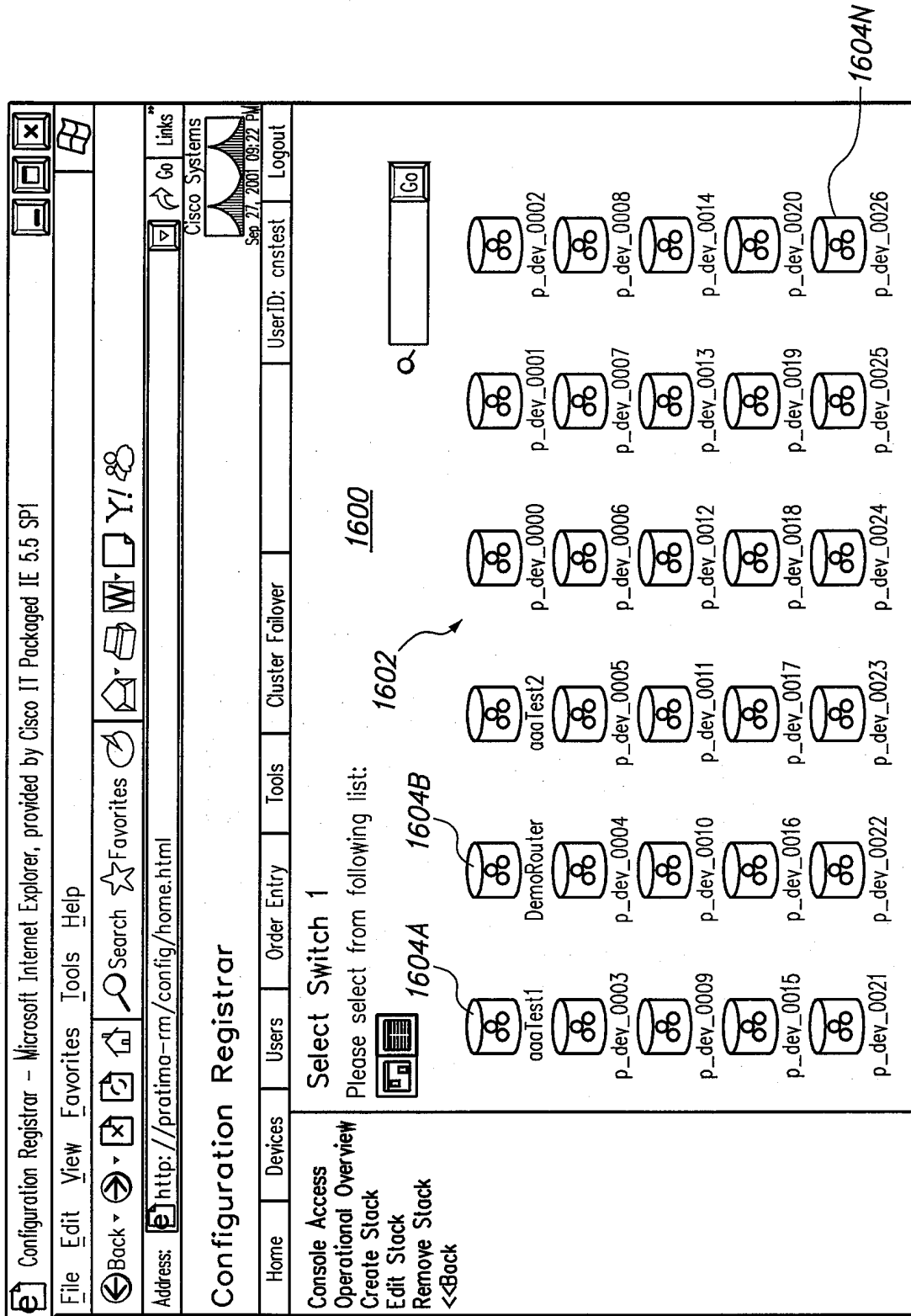


FIG. 16

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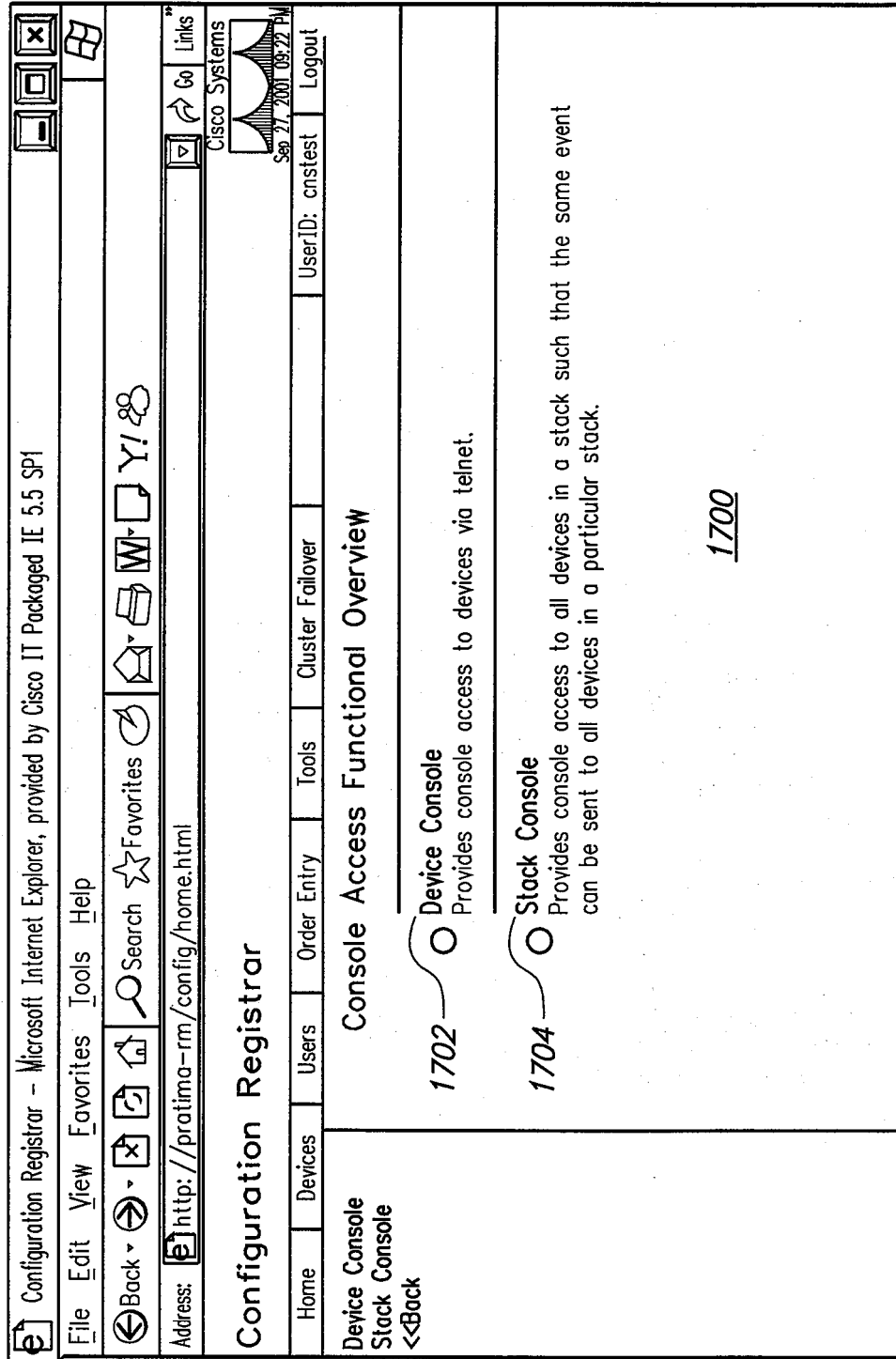


FIG. 17

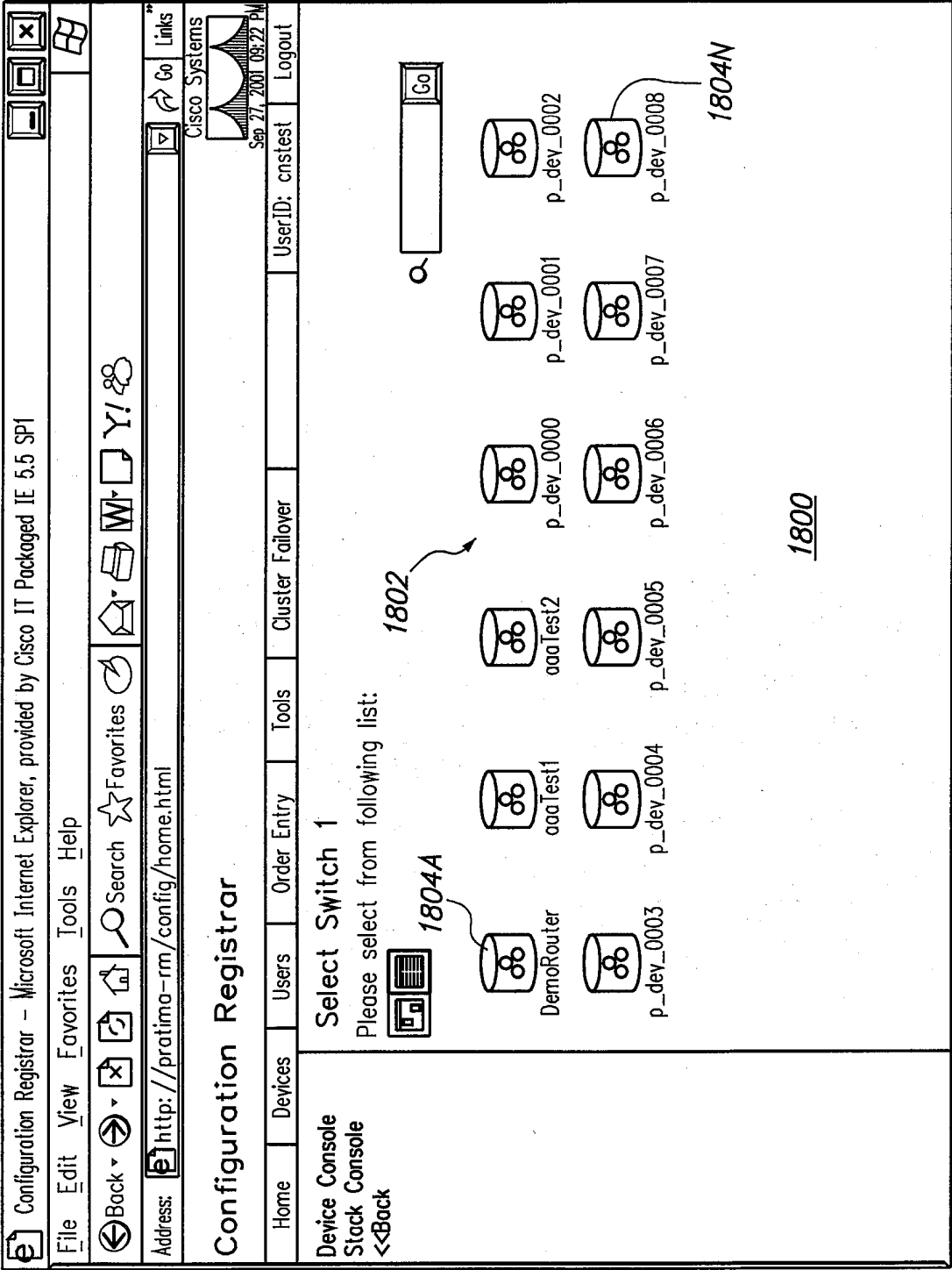


FIG. 18

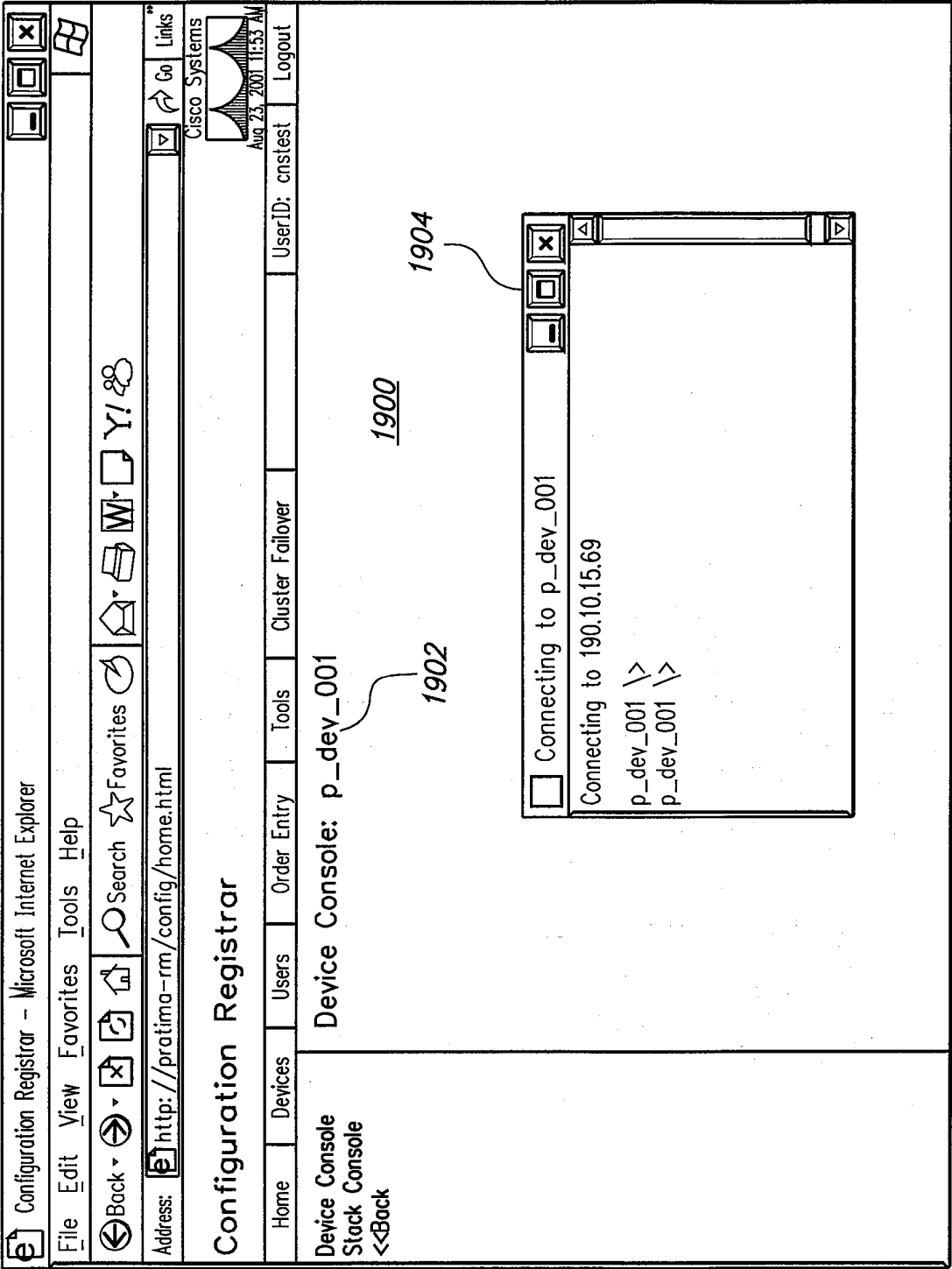


FIG. 19

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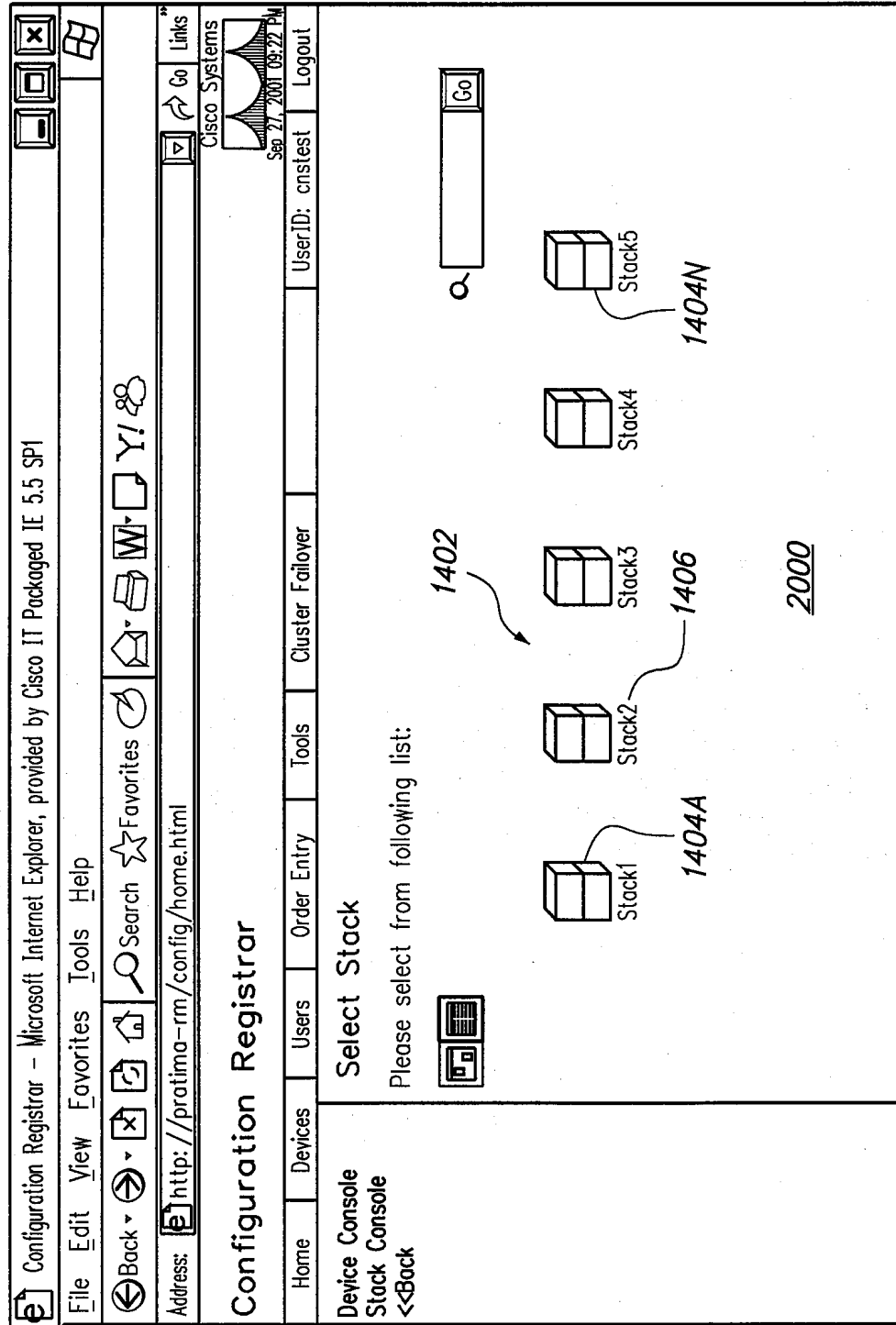


FIG. 20

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Configuration Registrar - Microsoft Internet Explorer, provided by Cisco IT Packaged IE 5.5 SP1

File Edit View Favorites Tools Help

Back

Search

Y!

Address: http://pratima-rm/config/home.html

Configuration Registrar

Home

Devices

Users

Order Entry

Tools

Cluster Failover

User ID: cnstest

Logout

Device Console

Stack Console

<<Back

Console Access to Stack: Stack2

2112

Switch View of Event Log: Formatted

Allows you to send the same command to all the device on this stack.

2102

Go

2102A

Event Log

2114

2104

2106

2100

2108

2110

2116

Date/Time	Type	Subject name	Message
7/18/01 3:33:35 PM	other	cisco.cns.config.cslog	n/a
7/18/01 3:33:35 PM	other	cisco.cns.config.cslog	n/a
7/18/01 3:33:35 PM	other	cisco.cns.config.cslog	n/a
7/18/01 3:37:11 PM	other	cisco.cns.config.cslog	n/a
7/18/01 3:37:11 PM	other	cisco.cns.config.cslog	n/a
7/18/01 3:37:11 PM	other	cisco.cns.config.cslog	n/a

Command:

Send

FIG. 21

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Configuration Registrar - Microsoft Internet Explorer, provided by Cisco IT Packaged IE 5.5 SP1

File Edit View Favorites Tools Help

Back

Search

Favorites

W

Y!

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Address: <http://pratima-rm/config/home.html>

Configuration Registrar

Home

Devices

Users

Order Entry

Tools

Cluster Failover

UserID: cnstest

Logout

Device Console

Stack Console

<<Back

Console Access to Stack: Stack2

2112

Switch View of Event Log: Unformatted

Allows you to send the same command to all the device on this stack.
Execution log

9/19/01 11:54:45 PM - cisco.cns.exec.cmd.c7200-2
show running
9/19/01 11:54:45 PM - cisco.cns.exec.rsp.c7200-2
Building configuration...
Current configuration : 1296 bytes
version 12.2
service timestamps debug uptime
service timestamps log uptime
no service password-encryption
service udp-small-servers
service tcp-small-servers
hostname c7200-2
enable password cisco
ip subnet-zero

2114

Command:

Send

2100

FIG. 22

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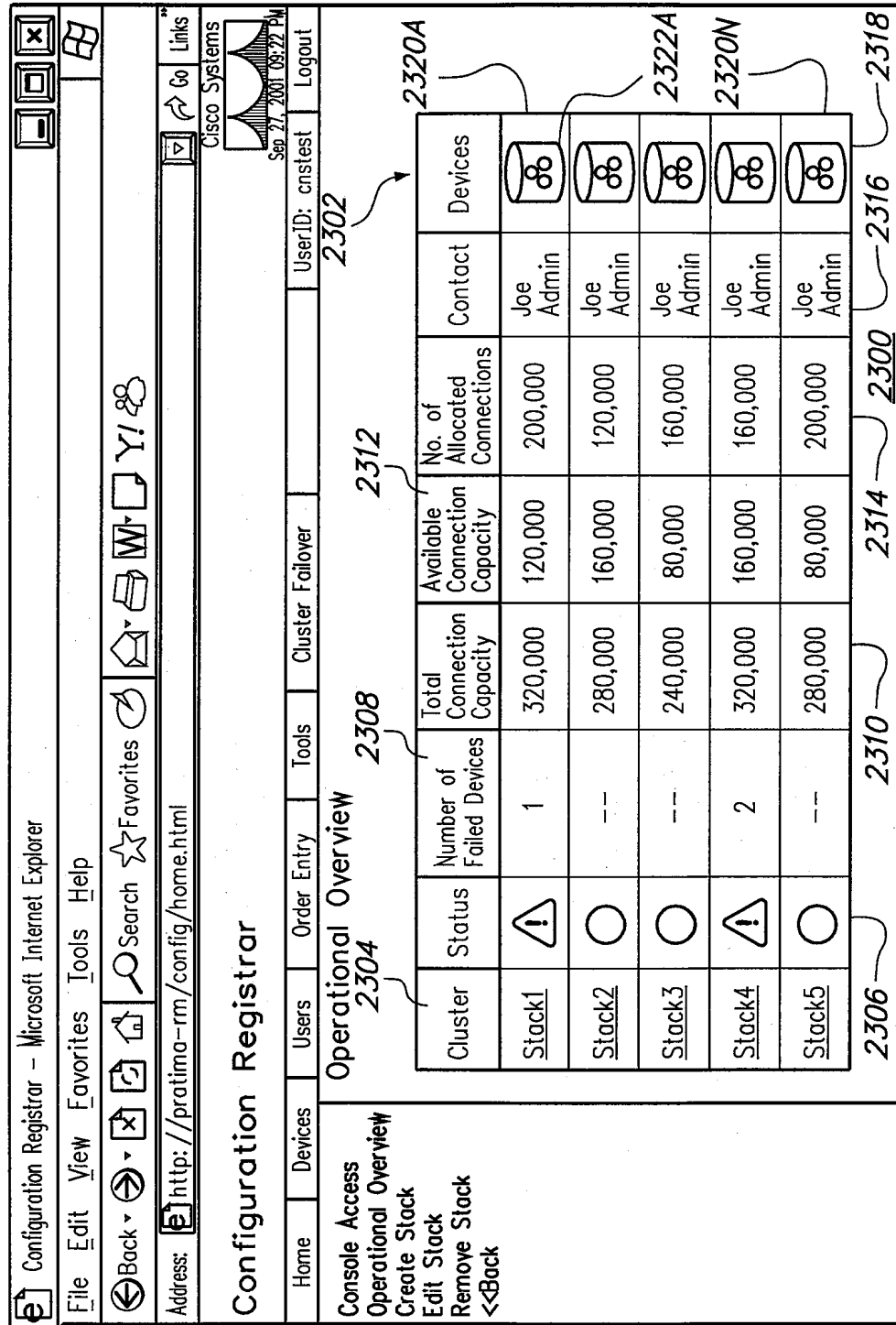


FIG. 23

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2420A

2420N

Configuration Registrar - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back
 Forward
 Home
 Search
 Favorites
 Print
 Y!

Address: <http://pratima-rm/config/home.html>

Go
 Links
 Cisco Systems
 Sep 27, 2001 09:22 PM

Configuration Registrar

Home	Devices	Users	Order Entry	Tools	Cluster Failover	UserID: crntest	Logout
------	---------	-------	-------------	-------	------------------	-----------------	--------

Console Access

Operational Overview

Create Stack

Edit Stack

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Operational Overview

Stack: Stack1

2406

Device Name	Status	Number of Failed Connections	Total Connection Capacity	Available Connection Capacity	No. of Allocated Connections	Connections
p_dev_003		--	8000	2000	4000	
p_dev_004		2	8000	2000	4000	
p_dev_006		--	8000	5000	3000	
p_dev_007		--	8000	4000	4000	
p_dev_009		--	8000	8000	--	
p_dev_010		2	8000	3000	5000	
p_dev_010		--	8000	8000	--	
p_dev_012		--	8000	6000	2000	

FIG. 24

2402

2400

2404

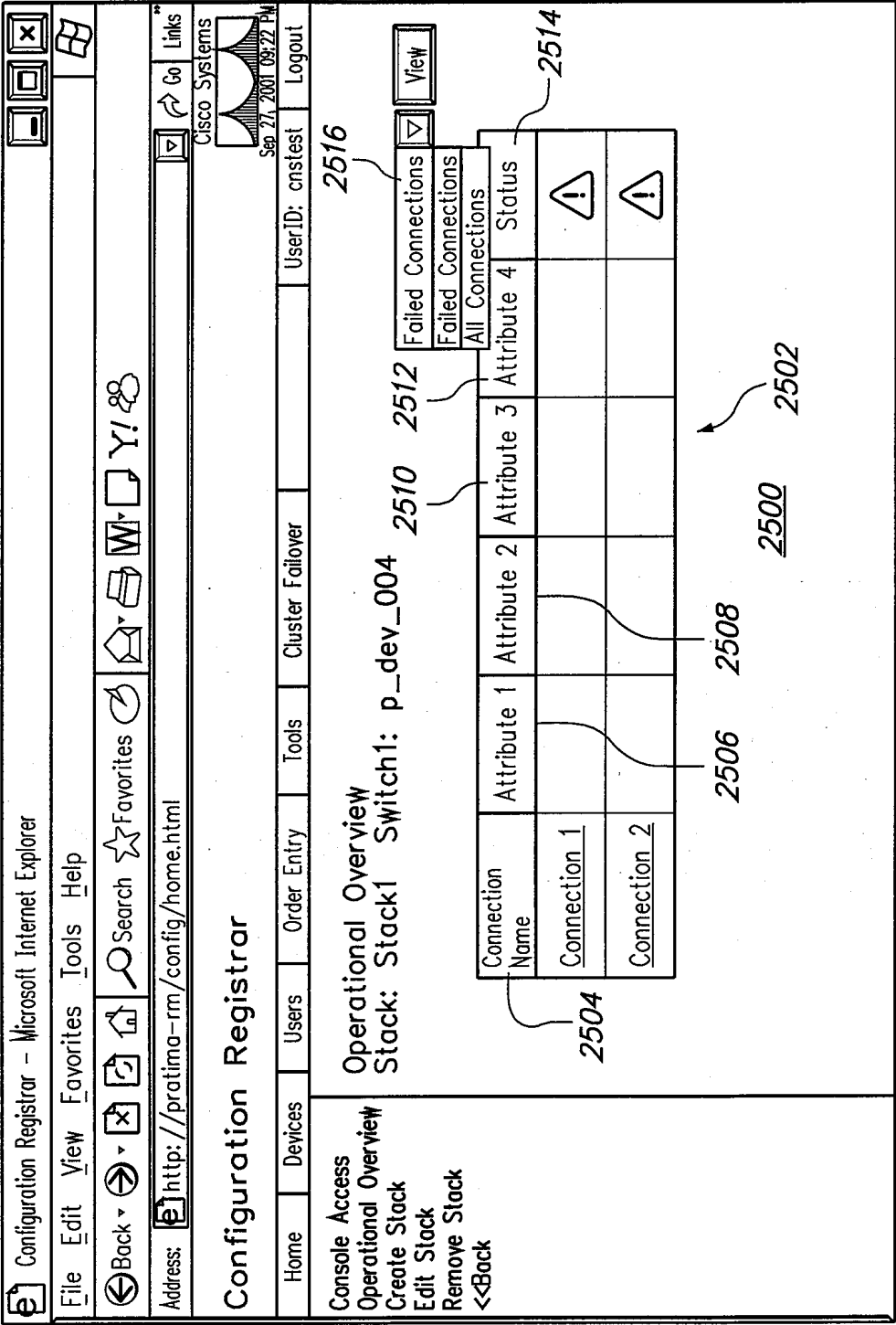


FIG. 25

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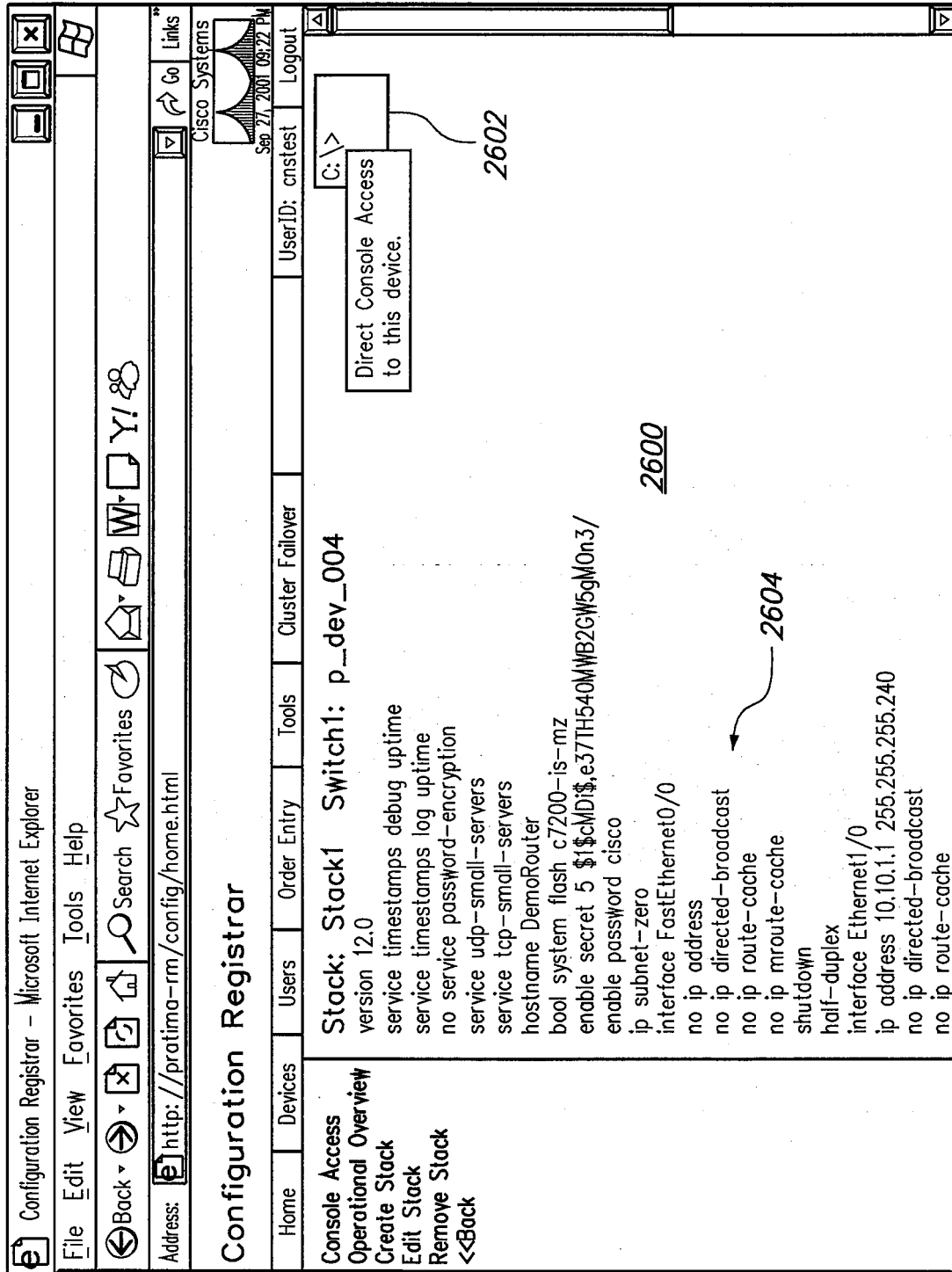


FIG. 26

FIG. 27

